

Statistics (BS, Classical), Assumes credit for STAT 190 and MATH 198

FALL - Semester 1

TRU 100 Truman Symposium (1)
TRU 110 Self & Society (3)
MATH 263 Calc. II (4)
STAT 220 Fundamentals of Data Science (3)
Language Requirement I (3)

FALL - Semester 3

CS 170/180 Intro to CompSci (4)
STAT 310 WE Data Collection & Communication (3)
BS Requirement - MATH 200** or another Math/Sci (3)
STAT 290/370** Statistics/Probability (3)
Dialogues Coursework (3)

FALL - Semester 5

STAT 398 Intermediate Seminar (1)
STAT 478 Regression Analysis (3)
Dialogues - Lab Science (4)
STAT Elective or STAT 570** Math Prob/Stat (3)
Dialogues Coursework (3)

FALL - Semester 7

STAT 497/498 Capstone/Senior Seminar (3)
MATH/STAT Elective (3)
Dialogues Coursework (3)
Free Electives as desired (5 or more)

SPRING - Semester 2

ENG 190 Writing as Critical Thinking (3)
COMM 170 Public Speaking (3)
BS - MATH 264 Calc III (4)
STAT 101 Freshman Seminar (1)
Language Requirement II (3)

SPRING - Semester 4

STAT 250 Statistical Computing (3)
STAT 330 Introduction to Linear Model (3)
MATH 285/357 Matrix or Linear Algebra (3)
Dialogues Coursework (3)
Dialogues Coursework (3)

SPRING - Semester 6

JINS (3)
MATH/STAT Elective (3)
Dialogues Coursework (3)
STAT 400+ Elective or STAT 571** Math Prob/Stat (3)
Dialogues Coursework (3)

SPRING - Semester 8

STAT Elective (3)
STAT Elective (3)
Dialogues Coursework (3)
Free Electives as desired (5 or more)

Total Truman credits is below 120 assuming 8 credits from STAT 190 and MATH 198 to total 128 credits.

**Actuarial Science minors should take STAT 290, 570, 571, MATH 330 (as a MATH/STAT elective) and one additional STAT elective not in the above plan, and (for the minor) take BSAD 153, ACCT 220, BSAD 329, and ECON 200-201 or 205. Actuarial science minors should also consider taking STAT 460 Undergraduate Statistics Practicum when they do their actuarial science internship in the summer to substitute for STAT 497 (although they will need a second writing-enhanced course).

Math minors should take MATH 200 (as a course for the BS requirement or as a MATH /STAT elective), MATH 357, STAT 570, STAT 571, and (for the minor) one other math major course (excluding MATH 263). Note: MATH 330, 400, or 461 could also count as a MATH/STAT elective.

Students interested in graduate school in theoretical statistics should strongly consider taking MATH 200 (as a course for the BS requirement or as a MATH /STAT elective), MATH 461 (as a course for the BS requirement or as a MATH /STAT elective), and STAT 570-571.

Dialogues Curriculum: The Dialogues Curriculum requires a certain number of courses/credit hours in

the following Perspectives: Social, Arts and Humanities, STEM, Communications, and Statistics. The exact number of courses a student will be required to take during their undergraduate career varies individually according to the credit transferred in.

Department Chair: Please contact the [Center for Academic Excellence](#) with any updates to the plan above. 5-1-23